**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**REGION 7**
11201 Renner Boulevard
Lenexa, Kansas 66219

November 14, 2012

Mr. Robert E. Holmberg
Ms. Caroline S. Holmberg
31103 E. Blue Mills Rd.
Buckner, MO 64016

Re: Former Lyons Diecasting Soil Testing

Dear Mr. & Ms. Holmberg:

The U.S. Environmental Protection Agency (EPA) conducted treatability testing of the sludge material containing elevated levels of polychlorinated biphenyls (PCBs) in a waste pit located beneath the floor of the main warehouse building at the former Lyons Diecasting facility located on your property at 2300 N Holly Road, in Buckner, Missouri. During the testing EPA collected samples of the sludge to determine whether the treatment was effective in destroying the PCBs.

Since these samples were collected from your property, EPA is transmitting the sampling results to you. The laboratory report is enclosed, which summarizes the results of samples submitted for laboratory analysis. If you have any questions regarding the sampling results, please contact me at (913) 551-7328.

Sincerely,

Michael B. Davis
On-Scene Coordinator
Planning and Preparedness South Section
Superfund Division

Enclosure

# United States Environmental Protection Agency
# Region 7
# 901 N. 5th Street
# Kansas City, Kansas 66101

06/13/2012

## Results of Sample Analysis

Sample: 5730-1
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-1. This sample was collected on 05/15/2012 at the location described as: LDMS-1. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-1 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 14 | Milligrams per Kilogram |
| Aroclor 1248 | 9.8 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 9.0 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 2.2 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-2
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-2. This sample was collected on 05/15/2012 at the location described as: LDMS-2. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-2 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 30 | Milligrams per Kilogram |
| Aroclor 1248 | 20 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 10 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 10 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-3
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-3. This sample was collected on 05/15/2012 at the location described as: LDMS-3. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-3 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 35 | Milligrams per Kilogram |
| Aroclor 1248 | 22 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 8.7 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 8.7 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-4
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-4. This sample was collected on 05/15/2012 at the location described as: LDMS-4. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-4 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 34 | Milligrams per Kilogram |
| Aroclor 1248 | 22 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 9.4 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 9.4 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-5
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-5. This sample was collected on 05/15/2012 at the location described as: LDMS-5. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-5 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 35 | Milligrams per Kilogram |
| Aroclor 1248 | 26 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 5.6 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 8.6 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-6
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-6. This sample was collected on 05/16/2012 at the location described as: LDMS-6. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-6 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 43 | Milligrams per Kilogram |
| Aroclor 1248 | 27 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 7.6 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 10 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-7
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-7. This sample was collected on 05/16/2012 at the location described as: LDMS-7. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-7 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 40 | Milligrams per Kilogram |
| Aroclor 1248 | 26 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 11 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 11 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-8
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-8. This sample was collected on 05/16/2012 at the location described as: LDMS-8. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-8 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 41 | Milligrams per Kilogram |
| Aroclor 1248 | 29 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 10 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 10 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-9
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-9. This sample was collected on 05/16/2012 at the location described as: LDMS-9. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-9 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 39 | Milligrams per Kilogram |
| Aroclor 1248 | 26 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 6.9 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 6.9 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-10
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-10. This sample was collected on 05/16/2012 at the location described as: LDMS-10. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-10 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 41 | Milligrams per Kilogram |
| Aroclor 1248 | 26 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 8.3 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 8.3 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-11
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-11. This sample was collected on 05/16/2012 at the location described as: LDMS-11. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-11 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 43 | Milligrams per Kilogram |
| Aroclor 1248 | 26 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 8.2 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 8.2 | Milligrams per Kilogram |

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## Results of Sample Analysis

Sample: 5730-12
Project ID: MDA7X300

These are the results from the analysis of waste sample number 5730-12. This sample was collected on 05/16/2012 at the location described as: LDMS-12. If you have any questions about these results, contact Mike B. Davis at the above address or by calling 913-551-7328. Correspondence should refer to sample number 5730-12 for project: MDA7X300 - Former Lyons Diecasting Company - Removal Assessment sampling.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Polychlorinated Biphenyls (PCBs) in Soil by Quick Microextraction and Gas Chromotography and Electron Capture Detection (GC/EC)** | | |
| Aroclor 1242 | 36 | Milligrams per Kilogram |
| Aroclor 1248 | 22 | Milligrams per Kilogram |
| Aroclor 1254 | Less Than 8.6 | Milligrams per Kilogram |
| Aroclor 1260 | Less Than 8.6 | Milligrams per Kilogram |